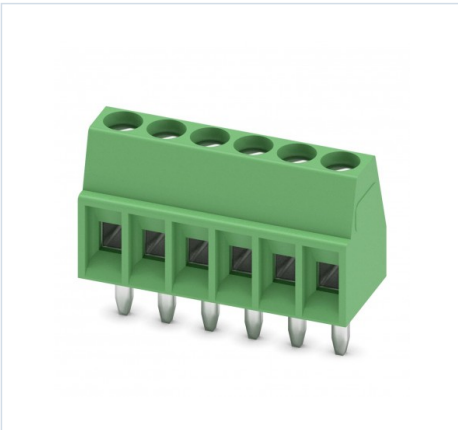


INDUSTRIAL COMPONENT DATA

MPT 0,5/ 6-2,54 1725698 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MPT 0,5/ 6-2,54



Manufacturer	PHOENIX CONTACT
MPN / Reference	MPT 0,5/ 6-2,54
Catalog number	1725698
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-697B5D20DA
Generated	2026-07-31

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 6 A, nominal voltage (III/2): 160 V, nominal cross-section: 0.5 mm², number of potentials: 6, number of rows: 1, number of poles per row: 6, article family: MPT 0.5, pitch: 2.54 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 1, packaging type: boxed

PCB terminal, Rated current: 6 A, Rated voltage (III/2): 160 V, Nominal cross-section: 0.5 mm², Number of potentials: 6, Number of rows: 1, Number of poles per row: 6, Article family: MPT 0.5, Pitch: 2.54 mm, Connection type: Screw connection with pull sleeve, Screw attack shape: L Longitudinal slot, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: Green, Pin layout: Linear pinning, Pin length [P]: 3.5 mm, Number of solder pins per potential: 1, Packing type: packed in carton

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)
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Additional Product Information

Key Commercial Data

Orderkey 1725698

Packing unit 100 pc

Catalog page Page 83 (C-1-2013)

GTIN 4017918116293

Weight per Piece (excluding packing) 1.700 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 6.2 mm

Pitch 2.54 mm

Dimension a 12.7 mm

Width [w] 15.7 mm

Height 8.5 mm

Height [h] 12 mm

Solder pin [P] 3.5 mm

Hole diameter 1.1 mm

General

Range of articles MPT 0,5

Insulating material group I

Rated surge voltage (III/3) 2.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 63 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Nominal cross section 0.5 mm²

Maximum load current 6 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 4.5 mm

Number of positions 6

Screw thread M1,6

Tightening torque, min 0.12 Nm

Tightening torque max 0.15 Nm

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 0.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.34 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 0.34 mm²

Conductor cross section...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MPT 0,5/ 6-2,54 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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